

20000604.qrp v01_n842.qrl.20000604

Date: Sun, 4 Jun 2000 19:03:03 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1842

QRP-L Digest 1842

Topics covered in this issue include:

- 1) [71803] Re: K2 #1242 is alive!!!
by Dean W Manley <kh6b@juno.com>
- 2) [71804] Re: The Bottom End of 10 Meters
by "Francis Callahan" <colcal@srv.net>
- 3) [71805] RIT mod for K9AY transceiver from A&A?
by "Mike Czuhajewski" <wa8mcq@erols.com>
- 4) [71806] Re: TAC condx
by Bob Patten <n4bp@bc.seflin.org>
- 5) [71807] [3830] CQ WPX CW LY2FE SOAB QRP (fwd)
by Bob Patten <n4bp@bc.seflin.org>
- 6) [71808] TAC Contest
by "Ron Polityka" <wb3aal@talon.net>
- 7) [71809] Re: TAC Condx
by N10DL@aol.com
- 8) [71810] Re: RIT mod for K9AY transceiver from A&A?
by Phil Wheeler <w7ox@earthlink.net>
- 9) [71811] FS: Vectronics VC300DLP Tuner and Paddles
by Debra Perry <obiecat@yahoo.com>
- 10) [71812] Re: The Bottom End of 10 Meters
by Wb8siw@aol.com
- 11) [71813] Re: The Bottom End of 10 Meters
by Rick McKee <kc8aon@juno.com>
- 12) [71814] Re: New Member
by Ray Colbert <af852@rgfn.epcc.edu>
- 13) [71815] "Old Man Copper"
by wb2vuo@juno.com
- 14) [71816] TAC Contest Submission Deadline
by "Ron Polityka" <wb3aal@talon.net>
- 15) [71817] Re: The Bottom End of 10 Meters
by Rick McKee <kc8aon@juno.com>
- 16) [71818] TAC Sample Log
by "Ron Polityka" <wb3aal@talon.net>
- 17) [71819] Re: "Old Man Copper"
by Phil Wheeler <w7ox@earthlink.net>
- 18) [71820] Re: "Old Man Copper"
by "John J. McDonough" <wb8rcr@arrl.net>
- 19) [71821] Re: [Elecrafft] de-soldering

- by PDouglas12@aol.com
- 20) [71822] Re: Sources for LCD displays
by Jim/Julia <w7ls@blarg.net>
 - 21) [71823] Re: The Bottom End of 10 Meters
by "Mike Yetsko" <myetsko@insydesw.com>
 - 22) [71824] Re: The Bottom End of 10 Meters
by AdamN7YA@aol.com
 - 23) [71825] Re: The Bottom End of 10 Meters
by Joel Malman <malman@world.std.com>
 - 24) [71826] Re: The Bottom End of 10 Meters
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
 - 25) [71827] TAC 2000 from K4JSI
by SMurph555@aol.com
 - 26) [71828] Re: The Bottom End of 10 Meters
by Al Patrick <arp@inet4u.com>
 - 27) [71829] Illegal Operators
by Lee Bahr <w5drc@earthlink.net>
 - 28) [71830] Re: The Bottom End of 10 Meters
by Norm Melick <henmel@worldnet.att.net>
 - 29) [71831] HB: SPICE models for transformers?
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
 - 30) [71832] Re: Sources for LCD displays
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
 - 31) [71833] Re: "Old Man Copper"
by Marty <N5NW@midsouth.rr.com>
 - 32) [71834] RE: IA QRPC Convention & #123!!
by aweiss@usd.edu (Ade Weiss W0RSP)
 - 33) [71835] Re: IA QRPC Convention & #123!!
by Phil Wheeler <w7ox@earthlink.net>
 - 34) [71836] RE: Macintosh terminal software WTD
by John Seney <wd1v@amsat.org>
 - 35) [71837] Re: "Old Man Copper"
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
 - 36) [71838] Re: "Old Man Copper"
by "Mike Yetsko" <myetsko@insydesw.com>
 - 37) [71839] So long for a bit
by Marty <N5NW@midsouth.rr.com>
 - 38) [71840] RE: Sources for LCD displays
by Nick Kennedy <nkennedy@tcainternet.com>
 - 39) [71841] FS/T: Datong FL-1 and MFJ 784 Audio Filters
by "Tim Cook" <timcook@erinet.com>
 - 40) [71842] Re: The Bottom End of 10 Meters
by "JC Smith" <jc-smith@worldnet.att.net>
 - 41) [71843] Re: The Bottom End of 10 Meters
by Gary Newberry <Gdn1@rocketmail.com>
 - 42) [71844] Re: WIDEBAND LNA'S & PREAMP SOURCES?
by Maurice L Haynes <kv7g@juno.com>
 - 43) [71845] Re: "Old Man Copper"

by "John J. McDonough" <wb8rcr@arrl.net>
44) [71846] F.S. Shach Cleaning
by ADRAMIS@aol.com
45) [71847] Re: Sources for LCD displays
by "John J. McDonough" <wb8rcr@arrl.net>
46) [71848] Crystal info
by wb5qyt@eFortress.com
47) [71849] Re: Crystal info
by burro@panama.gulf.net
48) [71850] Re: "Old Man Copper"
by "John J. McDonough" <wb8rcr@arrl.net>
49) [71851] Re: "Old Man Copper"
by wb2vuo@juno.com
50) [71852] QRP BACKPACKING RIG
by ARDUJENSKI@aol.com
51) [71853] Re: "Old Man Copper"
by Wb8siw@aol.com
52) [71854] tn timer info
by wb5qyt@eFortress.com
53) [71855] Re: QRP BACKPACKING RIG
by wd3p@juno.com
54) [71856] Re: The Bottom End of 10 Meters
by Tom and Roxy <zikot@erie.net>
55) [71857] Re: QRP BACKPACKING RIG
by "Alan Kaul" <alan.kaul@worldnet.att.net>
56) [71858] Re: The Bottom End of 10 Meters
by "Alan Kaul" <alan.kaul@worldnet.att.net>
57) [71859] Summary: Active cw filter ideas (long)
by "R. Evans" <revans1@cfl.rr.com>
58) [71860] Solar Panel Question
by Brian <brian@iquest.net>
59) [71861] Neg LCD Bias
by "Steven Weber" <kd1jv@moose.ncia.net>
60) [71862] Re: "Old Man Copper"
by Randy & Cara Randall <crrandal@seidata.com>
61) [71863] FS/TT: ER Tick-4 keyer w/enclosure unassembled...
by Patrick Armstrong <aa7fg@gte.net>
62) [71864] RE: The Bottom End of 10 Meters
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
63) [71865] Re: Neg LCD Bias
by "Mike Yetsko" <myetsko@insydesw.com>
64) [71866] Re: QRP BACKPACKING RIG
by "Doug Person" <w4dxv@attglobal.net>
65) [71867] Re: QRP BACKPACKING RIG
by "Alan Kaul" <alan.kaul@worldnet.att.net>
66) [71868] Samlex RPS1205 p/s
by "n6wg:First n6wg:Last" <n6wg@earthlink.net>
67) [71869] UTC Clocks Again -- New Solution for Windows Users

by "Robert Follett" <bfollett@email.msn.com>
68) [71870] Re: QRP BACKPACKING RIG
by n4gi@juno.com
69) [71871] Trail/Traveler Straight Key?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>

Date: Sat, 03 Jun 2000 19:18:51 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@lehigh.edu
Subject: [71803] Re: K2 #1242 is alive!!!
Message-ID: <20000603.132222.5391.0.kh6b@juno.com>

Hi John and group,

Congrats on your new K2. There is a growing list of
Hawaii stations with the K2 rig. I'll be using my K2 on
Field Day again this year.

Aloha,
Dean KH6B
Hilo Hawaii

On Fri, 02 Jun 2000 22:57:35 -1000 John Buck <kh7t@arrl.net> writes:
>SN 1242 made its first contact tonight.
>YAHOO!
>
>73 or 72
>John KH7T

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 3 Jun 2000 17:58:45 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <JCoote@ci.arcadia.ca.us>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71804] Re: The Bottom End of 10 Meters
Message-ID: <001501bfcdb7\$a76b4e80\$05de070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try testing your antenna at 500 or 100 watts on the scum and watch them go crazy especially the truckers 72 Cal KF7ET

----- Original Message -----

From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, June 03, 2000 8:41 AM
Subject: RE: The Bottom End of 10 Meters

> Come to Southern California sometime and listen to the STRONG
> "bootlegger" traffic in OUR CW sub-band. These transmissions are in
> Spanish and much of it from the "greater LA" area. A simple matter to
> construct a small, 10-meter DF loop and find a cheap SWL receiver with
> some sort of S-meter.....? Document the evidence and call the FCC.
> Jay Coote
> W6CJ
>
> -----Original Message-----
> From: Richard E. Robinson [mailto:rerobins@email.uncc.edu]
> Sent: Thursday, June 01, 2000 8:05 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: The Bottom End of 10 Meters
>
>
> Regarding the influx of "freebanders" in the low end of 10 meters;
>
> >Maybe Mr. Hollingsworth needs to know about
> >such goings on !
>
> Riley Hollingsworth said in an address in September 1999 at the Shelby,
> NC,
> hamfest, that illegal 10 meter operation, non-type accepted amplifiers,
> etc. are the Enforcement Division's top priority for 2000. At the
> Elkin,
> NC, hamfest in February, I was stunned to see how many 11 meter
> "kickers"
> were for sale by licensed hams of all people. Riley would've had a
> field
> day handing out citations and confiscating "kickers". There was as much
> of
> that junk there as ham gear.
>
> Four hams here in NC were recently caught by the FCC operating ham rigs
> on
> CB and openly selling non-FCC certified equipment over the CB airwaves.

> They were sent warning letters by the FCC. See June 2000 QST p.81 for
> details and calls.
>
> The FCC also recently aided Mexico in locating deliberate interference
> from
> US hams to Mexican 2M repeaters. Maybe that will encourage the Mexican
> government to aid the FCC is tracking down some of the illegal operation
> on
> the lower end of 10 meters. We can only hope.
>
> 72,
>
> Rick kf4ar
>
>

Date: Sat, 3 Jun 2000 20:02:00 -0400
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: <qrp-1@lehigh.edu>
Cc: <wa8mcq@erols.com>, <sjwhitton@aol.com>
Subject: [71805] RIT mod for K9AY transceiver from A&A?
Message-ID: <004701bfcdb8\$1c2c3900\$8934fea9@l8a3h1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had a question referred to me about any mods for adding RIT to the K9AY transceiver that was marketed by A&A engineering. I can't offhand remember seeing any mods in print in the QRP press, and was hoping that someone else might have seen one. If anyone knows of one, please let me know. Thanks.

73 and queue our pea DE WA8MCQ

Date: Sat, 3 Jun 2000 19:59:56 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: wb5qyt@eFortress.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71806] Re: TAC condx
Message-ID: <Pine.3.89.10006031942.C16759-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 2 Jun 2000 wb5qyt@eFortress.com wrote:

>

> Gave the TAC contest a go today and the bands sure stunk out here in NM!

> Wondering what everyone else thought of the condx? Maybe it was my

> antler in that tree not working too good! Heard N4BP on 20m and 15m but

> Bob could not hear me.

>

Condx really stinko hear also. Kept quitting and returning for another go, but things never did improve...

73,

Bob Patten, N4BP

, ' ' ' ,

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

SOC #1Whiners #6

Date: Sat, 3 Jun 2000 20:01:35 -0400 (EDT)

From: Bob Patten <n4bp@bc.seflin.org>

To: QRP-L Reflector <qrp-l@lehigh.edu>

Cc: Elecraft Reflector <elecraft@qth.net>

Subject: [71807] [3830] CQ WPX CW LY2FE SOAB QRP (fwd)

Message-ID: <Pine.3.89.10006032042.D16759-01000000@bc.seflin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

WOW!

73,

Bob Patten, N4BP

, ' ' ' ,

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

SOC #1Whiners #6

----- Forwarded message -----

Date: Sat, 3 Jun 2000 16:03:41 -0400 (EDT)

From: akmanta@klaipeda.omnitel.net

To: 3830@contesting.com
Subject: [3830] CQ WPX CW LY2FE SOAB QRP

CQ WW WPX - CW

Call: LY2FE
Operator(s):
Station: LY2FE

Class: SOAB Power: QRP
QTH: Klaipeda
Operating Time (hrs): 36

Summary:

Band	QSOs
160:	11
80:	59
40:	156
20:	395
15:	418
10:	244

Total:	1283 x 532 = 1,202,320

Club: KTU RC

Comments:

First contest with K2 (Elecraft) transceiver!
After this test my old RA3A0 is on the shelf.
Do you know why?

73, Vitas

Posted using 3830 Score Submittal Forms at: <http://www.hornucopia.com/3830score/>

--

FAQ on WWW: <http://www.contesting.com/FAQ/3830>
Submissions: 3830@contesting.com
Administrative requests: 3830-REQUEST@contesting.com
Problems: owner-3830@contesting.com

Date: Sat, 3 Jun 2000 20:11:51 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [71808] TAC Contest
Message-ID: <09d301bfcd9\$7c4e18c0\$02e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

Well band conditions were bad hear on the East Coast.
I was fighting a S9 noise all day. I almost made 2 DX
QSO with a G4 and a OK station, but the QRN was too
great. I did manage to make 44 QSO with the N3EPA
club call.

Don't forget to send in your logs before July 31, 2000.
I would like to thank everyone for participating in the contest.
Hopefully next year the band conditions will be better!

I still had a ball with the contest!

72 & 73
Good DXing

Ron Polityka
de N3EPA
n3epa@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@talon.net

Date: Sat, 3 Jun 2000 20:22:41 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [71809] Re: TAC Condx
Message-ID: <9b.5d7d6c2.266afb51@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Up here in New hampshire I was not able to hear many TAC calls or much of anything else either. I guess the solar storm really hit us hard all over the states.

I did just talk to N8ME in Ohio using my Isotron antenna with my OHR 100A at 2 watts, in the TAC contest. My RST was 539 with QSB. Yes, QRP does work.....well...back to the radio...

Aron
N10DL
Bedford, NH (TAC603)

Date: Sat, 03 Jun 2000 17:25:08 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: wa8mcq@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71810] Re: RIT mod for K9AY transceiver from A&A?
Message-ID: <3939A1E4.2AA46D61@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The CD-ROM re qrp should be a good source. I do not have the lates, but I suspect any version would do.

Hmmm .. I just did a quick (maybe imperfect) look and found nothing.

Phil

Mike Czuhajewski wrote:

>
> I had a question referred to me about any mods for adding RIT to the K9AY
> transceiver that was marketed by A&A engineering. I can't offhand remember
> seeing any mods in print in the QRP press, and was hoping that someone else
> might have seen one. If anyone knows of one, please let me know. Thanks.
>
> 73 and queue our pea DE WA8MCQ

Date: Sat, 3 Jun 2000 17:57:09 -0700 (PDT)
From: Debra Perry <obiecat@yahoo.com>
To: qrp-1@Lehigh.EDU

Subject: [71811] FS: Vectronics VC300DLP Tuner and Paddles
Message-ID: <20000604005709.28608.qmail@web802.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi gang,
I am posting this message for Ray W9CUB because he has been having problems posting messages to the Group with his email software. He is a subscriber to the QRP-L List. If you are interested in any of the FOR SALE items below, you may either email or phone W9CUB or reply to me. Thanks and 73.

Vectronics VC300DLP 300W / 30W antenna tuner with internal dummy load \$95.

Kent Model SP-1 Single Lever Paddle \$75.

Bencher Model BY-1 Black Base Iambic Paddles \$60.

All of the above items were purchased new 3 months ago; and are ABSOLUTELY IN LIKE NEW CONDITION. Financial emergency forces me to sell. Prices DO NOT include shipping.

Ray Cubberly W9CUB
email: cubberly@worldnet.att.net
Phone: 608-276-8012

Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!
<http://photos.yahoo.com>

Date: Sat, 3 Jun 2000 21:15:53 EDT
From: Wb8siw@aol.com
To: colcal@srv.net, qrp-l@lehigh.edu
Subject: [71812] Re: The Bottom End of 10 Meters
Message-ID: <a5.6b412ef.266b07c9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 06/03/2000 7:54:40 PM Eastern Daylight Time,

colcal@srv.net writes:

<< Try testing your antenna at 500 or 100 watts on the scum and watch them go crazy especially the truckers 72 Cal KF7ET >>

Hi Cal:

On a more serious note, perhaps the solution is for more of us to utilize 10 Meter CW on a regular basis. If we populate it with enough activity, perhaps they'll take their illegal activity elsewhere.

73, Jim

Date: Sat, 3 Jun 2000 14:01:22 EDT
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [71813] Re: The Bottom End of 10 Meters
Message-ID: <20000603.213719.4471.1.kc8aon@juno.com>

A lot of interstate truckers use it also, I've been cussed at for calling cq on "their secret frequency" - said that they didn't want any of that "%\$*^!) @^%\$!*)+# morse code on their channel and to get the #@%^! off of it ! They said they bought those "special radios" so they wouldn't have to put up with the \$#@&*@& garbage on channel 19 and that the shop he bought it at told him that no one ever uses these frequencies so go ahead and use them, and stated that it was perfectly legal for him to do so. I don't know the name of the dealer, but a lot of these truckers refer to "Old Man Copper" in Louisville, KY and this is the place to either purchase these "special rigs" or to have one modified. I previously worked for a business that sold tires and service to large trucking companies and have had plenty of opportunity to talk with drivers that used these rigs, and a lot of them are lead to beleive that is is legal for them to use them and don't even know that you are required to have a license to operate them. Of course a lot of them I'm sure are not even FCC approved radios and I'm quite sure that most of the people that use them don't even care - legal or otherwise. Oh well, I'll crawl back into the hole from which I emerged now - ya'll take care, seventy thirds - 10-4 over & out

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood,Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

On Sat, 03 Jun 2000 12:33:03 EDT Dean W Manley <kh6b@juno.com> writes:
>Elite Group,
>
>Extensive monitoring reveals that the "CB type" transmissions
>on the lower part of the 10M band originates from South American,
>USA and SE Asia, among other areas. Note that most are converted
>CB units retaining the 10-kHz channel steps: 28005, 28015, 28025 . . .
>
>Aloha,
>Dean KH6B
>Hilo Hawaii

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
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Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 03 Jun 2000 19:43:52 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-l@lehigh.edu
Subject: [71814] Re: New Member
Message-ID: <3939B458.A13830F7@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Welcome to the list Tom and I hope you enjoy what transpires here as much as I, and most of the others. It is a great learning forum and many benefits to be gained. If you are a member of the ARRL, I think you would want to go to the Members List, and read the ARRL WebExtra by Bruce, W6TOY/3, dated May 11,2000. It makes great reading for all QRP'ers new and old, and it is just as appropriate reading for QRO operators as well. It re-emphasizes what the proper perspective of this aspect of the hobby should be. I had almost forgotten. Thanks Bruce for such a great item. Maybe that could be posted here or better yet, on one of the club websites so that those operators not members of the ARRL will benefit from your wisdom. I saved it to file for my often review.

73

Ray

--

"The more I see of the representatives of the people,the more I

admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso,(FAR WEST) TEXAS

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<http://www.netzero.net/download/index.html>

Date: Sat, 3 Jun 2000 21:48:45 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [71815] "Old Man Copper"
Message-ID: <20000603.214926.-20789.1.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Yep, "Old Man Copper" sells a bunch of radios for the lower end of 10M,
and even sells a "How-To" video on setting up & using the "Company Band",
this being the frequencies from 28.005 - 28.315 MHz

It's Copper Electronics, they sell mail-order and on-line with 10M
"Company" radios starting at about \$100 and going up.

If I remember correctly, the URL is: <http://www.copper.com/>

I am going over and send them some hate mail tonite, and I think that I
will open a few more Juno and NetZero accounts to load their mailbox
with!

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
VP & FD'00 Chairman, Brockport Amateur Radio Klub & SOC # 119
My night light runs more power than my Rig!!!
Replies off-list to: wb2vuo@arrl.net

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 3 Jun 2000 22:03:30 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>

Subject: [71816] TAC Contest Submission Deadline
Message-ID: <00a601bfcdc9\$14ea8e60\$5be508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry folks,

Deadline date for the entries for the TAC Contest is July 8, 2000.

72 & 73
Good DXing

Ron Polityka
de N3EPA
n3epa@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@talon.net

Date: Sat, 3 Jun 2000 22:02:11 EDT
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [71817] Re: The Bottom End of 10 Meters
Message-ID: <20000603.220257.4471.3.kc8aon@juno.com>

Gang,

Be cautious when trying to scare an illegal operator off the air, a close friend of mine was calling a net on 10 meter ssb when a bootlegger tried to check in. My friend ask for a call sign, but of course the idiot had no license, so my friend continued to call the net an ignored the guy in spite his repeated tries at checking in. About a week later, my friend received a warning card from a "double - 0" (official observer) for deliberately interfering with the bootlegger. The "00" stated in his warning that it is unlawful to deliberately interfere with "any" station either licensed or not ! Now I don't know if that's true or not, but common sense tells me that if the guy had no license he had no right to be there in the first place, but my buddy, which "is" a licensed ham did. Anyone want to shed a little light on this one ?

73...Rick McKee KC8A0N { CW lives as long as I do ! }
Willow Wood,Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 3 Jun 2000 22:08:46 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [71818] TAC Sample Log
Message-ID: <00c101bfcdc9\$d196ba20\$5be508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For anyone that entered the TAC Contest and is in need of a log to enter.
Check <http://www.n3epa.org/Pages/TAC-Contest.htm> and you will find
a sample of what you can use at the bottom.

Thanks for all the entries!

72 & 73
Good DXing

Ron Polityka
de N3EPA
n3epa@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@talon.net

Date: Sat, 03 Jun 2000 19:11:19 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: wb2vuo@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71819] Re: "Old Man Copper"
Message-ID: <3939BAC7.6169E45@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

wb2vuo@juno.com wrote:

>
> Yep, "Old Man Copper" sells a bunch of radios for the lower end of 10M,
> and even sells a "How-To" video on setting up & using the "Company Band",
> this being the frequencies from 28.005 - 28.315 MHz
>

I'm surprised that the FCC has not shut him down .. given their new "get tough" posture.

Phil

Date: Sat, 3 Jun 2000 22:14:25 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <wb2vuo@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71820] Re: "Old Man Copper"
Message-ID: <022e01bfcdca\$9c3d1580\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Cool!!

I didn't know there were so many 10 meter radios with roger beeps and even echo built in. Now I can be really pruffeshinal just like the truckers.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: wb2vuo@juno.com <wb2vuo@juno.com>
Subject: "Old Man Copper"

>It's Copper Electronics, they sell mail-order and on-line with 10M
>"Company" radios starting at about \$100 and going up.

Date: Sat, 3 Jun 2000 22:36:42 EDT
From: PDouglas12@aol.com
To: jkbelts@spiritone.com
Cc: qrp-l@lehigh.edu
Subject: [71821] Re: [Elecraft] de-soldering
Message-ID: <31.5efda36.266b1aba@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Actually, Jim, the dentist is a good place to start, but don't drill! Get him to give you an old probe. Cut the lead off flush on top and heat the stainless steel probe good and hot with your iron. You should be able to get the probe tip to ream out that hole with enough heat, without using enough force to hurt the tracings.

72,
Preston WJ2V

Date: Sat, 03 Jun 2000 19:44:38 -0700
From: Jim/Julia <w7ls@blarg.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71822] Re: Sources for LCD displays
Message-ID: <3939C296.DB36A0F8@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,
If the LCD calls for negative bias for the display, they mean it. I found out the hard way. It's not too hard to gin up -5v, though. Find an oscillating ttl signal somewhere, use a blocking cap, and rectify it. That lets you use a cheaper LCD. Jim W7LS

Steven Weber wrote:

> Howdy,

>
> Since there will be a number of you looking for 16x2 LCD modules soon
> to build the LCD keyer, I went looking for a few sources.
>
> All Electronics (www.allelectronics.com) has a good one, with led
> back lighting, which makes it easier to read, for \$7.50 (stock
> # LCD-53) There's no min order, which makes it nice too.
>
> B.G. Micro (www.bgmicro.com) has a 2x20 which would also be suitable,
> for only \$4.00 (# LCD1016) Didn't check if they have a min
> order, although I imagine one could easily find enough stuff "you
> gotta have" to make the min if they do.
>
> Best price of all is from Marlin P. Jones, (www.mpj.com) a back
> lighted 16x2 for \$3.95. (# 9237-0P) However, it needs a -5 volt
> supply for the contrast, which is a little extra work to generate.
> It might work okay without the -5, but can't say for sure, as I've
> never tried it.
>
> They do have a suitable 16x2, +5 only module for \$9.95, #8714-0P
> They have a \$15.00 min order.
>
> Out of the four, I'd go for the one from All Electronics.
> Of course, one could go to Mouser or Digi-Key and pay a premium for
> it, especially a back lighted one.
>
> 72,
> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"

Date: Sat, 3 Jun 2000 22:45:59 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71823] Re: The Bottom End of 10 Meters
Message-ID: <003301bfcdcf\$0a40b380\$2c4dfea9@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As ridiculous as this sounds, just remember that your friend is
not a cop, he has no right or obligation to enforce FCC rules
and regs, only to obey them. If the other operator was there
first, legal or illegal, you're friend should not have put a net over
top of him.

But while the 00 'may' be technically correct by ONE interpretation of the rules (I really doubt the 00 was correct, as the net was in operation first the way you described it) I have seen a few 00's who try to 'make policy' and don't even know the actual rules.

I received an '00' notice for failure to ID. What had happened is I drove out of range of the repeater. So I asked the 00 if he was listening on the input. He actually asked why?

Mike

> Gang,
>
> Be cautious when trying to scare an illegal operator off the air, a
> close friend of mine was calling a net on 10 meter ssb when a bootlegger
> tried to check in. My friend ask for a call sign, but of course the
> idiot had no license, so my friend continued to call the net an ignored
> the guy in spite his repeated tries at checking in. About a week later,
> my friend received a warning card from a "double - 0" (official observer)
> for deliberately interfering with the bootlegger. The "00" stated in his
> warning that it is unlawful to deliberately interfere with "any" station
> either licensed or not ! Now I don't know if that's true or not, but
> common sense tells me that if the guy had no license he had no right to
> be there in the first place, but my buddy, which "is" a licensed ham did.
> Anyone want to shed a little light on this one ?
>
>
> 73...Rick McKee KC8AON { CW lives as long as I do ! }
> Willow Wood, Ohio "oo's"
> AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
> TriState BrassPounders # 1
>
>
> -----
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.
>

Date: Sat, 3 Jun 2000 22:49:59 EDT
From: AdamN7YA@aol.com
To: qrp-l@lehigh.edu

Subject: [71824] Re: The Bottom End of 10 Meters
Message-ID: <46.636a8a2.266b1dd7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 6/3/2000 6:39:28 PM Pacific Daylight Time, kc8aon@juno.com writes:

<< I've been cussed at for calling
cq on "their secret frequency" - said that they didn't want any of that
"@%\$*^!) @^%\$!*)+# morse code on their channel and to get the #@%^! off
of it ! >>

Good, all the more reason to use those 'secret frequencies' for CW....its
good to hear that we are getting into thier heads and bugging them. i use
10 CW whenever i can....i will do it as often as possible now! :-)

72/73/74...Adam, N7YA
Las Vegas, NV...Zone 03
QRP-L #1608, SOC #143, Y Guy #2
Code Warrior #76, Hamusician #1

Date: Sat, 3 Jun 2000 23:09:59 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: kc8aon@juno.com
Cc: k1qm@world.std.com, qrp-l@Lehigh.EDU
Subject: [71825] Re: The Bottom End of 10 Meters
Message-ID: <200006040309.XAA10656@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rick,

The FCC views any "station" as a station we can not interfere with, even
if the station is legal or not: it is a STATION according to the FCC,
and we can NOT interfere with its operation.

I have argued that a NON-LEGAL station can not EXIST on 10 meters -- as
per Part 97. Therefore, since it does not exist, there is no interference,
because WE can not interfere with a station that DOES NOT exist !!

... don't bother to make this argument to the FCC -- it won't work. Bottom
line -- let's let the FCC do their thing. Let's not interfere (on the air
or otherwise). Complain to Mr. FCC, but let them fix the problem. Worry

on our part will not help, and probably cause you to lose sleep.

72's ... joel (queen mary)

--

/joel K1QM (k1 queen mary), Concord, MA.
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641

Date: Sun, 04 Jun 2000 13:10:19 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71826] Re: The Bottom End of 10 Meters
Message-ID: <3939C89B.BD4551FE@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rick McKee wrote:

> Oh well, I'll crawl back into the hole from which I emerged now - ya'll
> take care, seventy thirds - 10-4 over & out

Aw no "good buddies" or "roger beeps" <g> Similar story here in VK

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Sat, 3 Jun 2000 23:23:35 EDT
From: SMurph555@aol.com
To: qrp-l@lehigh.edu
Subject: [71827] TAC 2000 from K4JSI
Message-ID: <5b.6abd2f0.266b25b7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi gang,

Managed a total of 12 QSOs, including N3EPA, all on 40M. The band was pretty noisy, and there was a diathermy-like signal querulously patrolling the QRP frequencies for much of the contest period.

TAC is a pretty nice little operating event. I hope more folks can find the time to join in next year, and that the conditions will be better!

72/73

Cal K4JSI

Date: Sat, 03 Jun 2000 23:27:02 -0400
From: Al Patrick <arp@inet4u.com>
To: kc8aon@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [71828] Re: The Bottom End of 10 Meters
Message-ID: <3939CC86.989381E1@inet4u.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rick McKee wrote:

> Gang,
>
> Be cautious when trying to scare an illegal operator off the air, a
> close friend of mine was calling a net on 10 meter ssb when a bootlegger
> tried to check in. My friend ask for a call sign, but of course the
> idiot had no license, so my friend continued to call the net an ignored
> the guy in spite his repeated tries at checking in. About a week later,
> my friend received a warning card from a "double - 0" (official observer)
> for deliberately interfering with the bootlegger. The "00" stated in his
> warning that it is unlawful to deliberately interfere with "any" station
> either licensed or not ! Now I don't know if that's true or not, but
> common sense tells me that if the guy had no license he had no right to
> be there in the first place, but my buddy, which "is" a licensed ham did.
> Anyone want to shed a little light on this one ?

Personally, I think IF it were an emergency, then that emergency would take precedence. If you request to do something at an airport which is "illegal" the tower is very likely to ask, "Are you declaring an emergency?" If the "bootlegger" didn't declare one, it just might be appropriate to ask if it is an emergency, out of courtesy if for no other reason. Aside from that, I think the 00 is possibly a phoney! Was it on "official" stationery?

73,

Al

--

"The Truth is Hate, to Those Who Hate the Truth"
Do what's right. You'll please OR AMAZE everyone!

Love and hatred are both necessary. For one to love
some things he must hate others, and visa versa.

Date: Sat, 03 Jun 2000 22:36:22 -0500
From: Lee Bahr <w5drc@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [71829] Illegal Operators
Message-ID: <3939CEB6.5BD98466@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm an 00 and don't believe your interference to an illegal operator
would be
an infraction for you if you were calling CQ or talking to another ham
even
if you started your operating on his frequency after the illegal
operator
started his operating. After all this is an assigned legal frequency
for you
and not him. However, you are not allowed to talk to the illegal
station
once you realize he is not licensed. Are you in any trouble by saying a
few words to him? Of course not. Reasonableness and intent is what
really counts here. If you were egging him on rather than trying to get
him off the air with a couple of polite words would be another matter.
Doing something technically illegal is one thing, getting in trouble for
it is another matter. Reasonableness is always part of the decision.
If the station is skip, there is little you can immediately do. If you
have
a situation where the illegal operator is local, get a hold of a local
00 or
get the info from the ARRL as to how to contact a local 00. Today the
ARRL
and FCC are working very much as partners. We are triangulating
interference
and taping conversations. Armed with this information means big
trouble

today for such type operations. Unfortunately, documentation is necessary and is, at times, hard to obtain. But, the good news is more and more are being caught every day. In time the HEAT will be too great for most to continue. They will stop operating on their own. The word is already starting to get out. Today, 00s are setting up much of the ground work

needed to go after a particular individual by the FCC. The FCC's budget is limited and the ARRL 00 program today allows the FCC to prudently use their time and budget money effectively. Fines are such that if caught a person will find himself in a real financial bind. The penalties today for illegal operating are very painful to pay. It is no longer a waste of time to have the ARRL 00 staff get involved if you have a local situation. When a few more get burned, the word will get out, and our problem will get under control. Someone's skip is another's local situation. We need to work together. Most of what 00s do is not visible.

For legal reasons, 00s do their thing and turn over the findings as prescribed by the ARRL and the FCC to higher authorities. Enforcement is not their reason for being. Investigation is one of their reasons for existence. Also, 00s send out a lot of ATTA BOY cards congratulating those using good operating procedure. Giving out the cards reinforces good operating procedure. In the rare instance when a negative card is sent out, the intent is not to reprimand but to point out to a generally good amateur where he was in error to help him become a better operator. We are not police but try to be your friend and buddy to help a good ham from getting into trouble. We are not looking to "nail a guy" for some technical mistake like IDing 1 second too late! Someone who is grossly violating his ham operating privileges does not need a card from an 00. He needs some instruction from the FCC.

I hope my post sheds some light on things. Please look at an 00 as your friend. Yes, they make mistakes but their intent is to help. They are not

there to act as police. Many put in many hours of work unknown to most of the ham community and cover all incurred expenses out of their own pocket.

Lee Bahr w0vt Houston

Date: Sat, 03 Jun 2000 20:31:44 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71830] Re: The Bottom End of 10 Meters
Message-ID: <3939CDA0.F37AAB64@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joel Malman wrote:

> The FCC views any "station" as a station we can not interfere with, even
> if the station is legal or not: it is a STATION according to the FCC,
> and we can NOT interfere with its operation.

No, that's not what I, and others here were told. Living in the jamming capitol of the world, I was personally assured by the local FCC, and Washington FCC, that a licensed amateur operator who is being interfered with by an unlicensed station (bootlegger), is allowed to treat such bootlegger as QRM.

We were told specifically that we should treat the unlicensed station as QRM, and work around, over, or whatever else it took to complete the QSO.

Norm/KQ6SD

Date: Sun, 04 Jun 2000 00:24:16 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l@lehigh.edu
Subject: [71831] HB: SPICE models for transformers?
Message-ID: <3.0.6.32.20000604002416.0079e2f0@vmsspop.rit.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

I'm starting to tinker around with SPICE to simulate some circuits I'm working on. I find that I need to model an RF transformer with center taps in both the primary and secondary winding.

Can anyone offer any suggestions? I get the idea on how to specify mutual coupling between two inductors (windings), but I'm not sure how (or if) it can be extended to center taps.

Dave

Date: Sun, 04 Jun 2000 00:16:58 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-1@lehigh.edu
Subject: [71832] Re: Sources for LCD displays
Message-ID: <3.0.6.32.20000604001658.0079f130@vmsspop.rit.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:44 PM 6/3/00 -0700, you wrote:

> If the LCD calls for negative bias for the display, they mean it. I
> found out the hard way. It's not too hard to gin up -5v, though. Find an
> oscillating ttl signal somewhere, use a blocking cap, and rectify it.
> That lets you use a cheaper LCD. Jim W7LS

Jim,

And to think Radio Shack used to sell the ICL7660 negative-voltage charge pump for \$2 to do the same thing!

Negative bias for an LC display isn't real critical. It mostly needs to be stable (i.e. low ripple) and in the proper range (which means set the voltage before hooking up the display). The fact that it draws almost zero current makes filtering easier, too. Using a high-resistance pot as a variable voltage divider makes a handy contrast (or viewing angle) control, which may be helpful for a portable device.

And if you want to get REALLY fancy, you can have the micro in your product generate a variable duty cycle signal, isolate & rectify it, and have the voltage (and contrast) vary under software control. (We made a meter once that allowed the user to set the contrast by serial comms. It seemed trivial when we did it, but people really appreciated it.)

Dave

Date: Sun, 04 Jun 2000 00:33:28 -0500
From: Marty <N5NW@midsouth.rr.com>
To: qrp-1@lehigh.edu
Subject: [71833] Re: "Old Man Copper"
Message-ID: <crpjjskr1o9uk3h05m45bv6e6vegihqk62@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Sat, 3 Jun 2000 21:48:45 -0400, wb2vuo@juno.com wrote:

>If I remember correctly, the URL is: <http://www.copper.com/>

Checking that URL leads to the correct site, for those interested. It is quite obvious the guy is focused on the 11 meter crowd.

Interesting ... their product list is divided into 10 meter ham radio and=11 meter cb radio categories (and they are labeled as such).

On the new products page, near the top and in good size type, it states:

NOTICE:An amateur license is not required to purchase, only to operate=20
2 or 10-METER radios. Any modification voids warranty.=20

He's correct on that point.

While I'm not thrilled with those who don't uphold the integrity of the = hobby,
this guy isn't doing anything illegal. AES doesn't demand a license = before a
sale, nor does QRZ hide their radio mods files for MARS/CAP use only.

Before we point the finger to this guy, we need to consider the three = fingers
pointing back at us. I've seem plenty of licensed amateurs sell their uniden/realistic 10 meter ssb radios and not check for a license before selling them.

Where the "gentleman" may run afoul of the law is in advertising = amplifiers
capable of 10 meter operation -- a video on the "Texas Star 10 meter amp"= is

one. But modifying CBs for 10 meters has been around for some time -- =
nothing
illegal about that.

But I do appreciate the sentiment being expressed. We need to use it or =
lose
it! Save 10 meters!

--

Marty, N5NW

-----=

Lakeland (Memphis), Tennessee =
<http://marty.w.tripod.com/>
N5NW@midsouth.rr.com

Date: Sat, 27 Nov 1999 07:47:12 GMT
From: aweiss@usd.edu (Ade Weiss W0RSP)
To: qrp-l@lehigh.edu
Subject: [71834] RE: IA QRPC Convention & #123!!
Message-ID: <200006040552.AAA15115@sunburst.usd.edu>

Hi gang:

We had a fine IA QRPC convention Fri/Sat piggybacking the local NE hamfest
in S. Sioux City -- it was one of the poorest flea-markets I've been to, probably
because the local hamboree wasn't coinciding with the Midwest ARRL convention.
But the QRP part was the best.

We were gifted with the presence of "Dr. Megacycle" Jim KK6MC/5 and Jim Larsen
from AK showed up as well! Nationally prominent figures are beginning to come to
the IA QRPC annual gathering, so get your maps out and find S. Sioux City NE for
future reference!

At any rate, I talked about working DX with QRP. Jerry Huldeen introduced me as
having 123 on 30m -- one too many. So tonight, while browsing eBay for some good
deals, up pops OX2K at 10102.6 (0530 -- still on at 0550). I was the first to work
him
for #123! What a day -- and an ending to a great day!

Incidentally, a lot of MFJ antenna tuners and accessories seem to pop up regularly
on eBay. Don't check it out for a least 3 days since I'm currently high bidder on
two such units. I'll give the "all clear" signal once I win the two! An MFJ-249
SWR

Analyzer is currently at around \$129 and ready to go. Too high for me, especially
since I picked up another MFJ RX bridge at Dayton for \$10.

72, Ade

Date: Sat, 03 Jun 2000 23:09:48 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: aweiss@usd.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71835] Re: IA QRPC Convention & #123!!
Message-ID: <3939F2AC.E7B7711C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow .. this oldie just popped up on the list

Subject:
 RE: IA QRPC Convention & #123!!
Date:
 Sat, 27 Nov 1999 07:47:12 GMT

Wonder how that happened?

Phil

Date: Sun, 4 Jun 2000 06:14:56 -0400
From: John Seney <wd1v@amsat.org>
To: qrp-1@Lehigh.EDU
Subject: [71836] RE: Macintosh terminal software WTD
Message-ID: <p04310103b55fdc00adf2@[24.147.93.142]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>There was a great Mac terminal software package around a few years back that
>I have used exclusively since getting a copy from its author Jim Van Peurse
>(KE0PH) its called Savant and runs very reliably on my Powerbook 170, it
>faithfully monitors the local DX packet bbs year after year with never a
>fault.
>contact Jim at 847 538 5207 or fax him at 847 576 8378
>If you have no success contacting Jim please feel free to email me back off
>list.

>
>Dave Barrett VA7DB (Ex VE7PCC)
> Vancouver BC Canada

* Macnet Ham Radio Software Listing - "The List" of the latest - much of it with FTP links so what you see is what you can get with just a click. <http://24.147.93.142/homepage/Page7.html>

* Macnet Software Collection

<ftp://www.qsl.net/pub/wd1v/mn1.sea.Hqx> Collection Disk 1 - Logs + Demos
<ftp://www.qsl.net/pub/wd1v/mn2.sea.Hqx> Collection Disk 2 - DX + Contest
<ftp://www.qsl.net/pub/wd1v/mn3.sea.Hqx> Collection Disk 3 - Educ + Rem Ctrl
<ftp://www.qsl.net/pub/wd1v/mn4.sea.Hqx> Collection Disk 4 - Astro + FAX
<ftp://www.qsl.net/pub/wd1v/mn5.sea.Hqx> Collection Disk 5 - Pkt Terminals
<ftp://www.qsl.net/pub/wd1v/mn6.sea.Hqx> Collection Disk 6 - Mac TCP/IP

Macnet Ham HyperCard Tests Are Discontinued - but....

<ftp://www.qsl.net/pub/wd1v/mn7.sea.Hqx> Collection Disk 7 - Morse/Exam Helpers

New ARRL VEC Question Pools:

<http://www.arrl.org/arrlvec/pools.htm>

Practice EXAMS for each license class:

<http://www.biochem.mcw.edu/Postdocs/Simon/radio/exam.html>

<http://www.qsl.net/k4scc/exam.html> AA9PW Exam Generator

<http://w5ac.tamu.edu/ham-exam/> W5AC Exam Generator

<http://www.blackcatsystems.com/software/elmer.html> New Shareware Called Elmer

<ftp://www.qsl.net/pub/wd1v/mn8.sea.Hqx> Collection Disk 8 - Sats/Dove/GPS
<ftp://www.qsl.net/pub/wd1v/mn9.sea.Hqx> Collection Disk 9 - C/C++ Programming
<ftp://www.qsl.net/pub/wd1v/mn10.sea.Hqx> Collection Disk X - Macnet Roster

"Who's Who" of Hams Using Macs! HyperCard stack with 900 entries giving the names, addresses, phone numbers, of radio operators all over the world that are using Macs. Check out their projects and their passions and put a design on your Mac Radio future when you see what neat things are being done! Send updates to wd1v@amsat.org

--

73

John Seney, WD1V [FN42]
Manchester NH 03103 USA
FAQ for Radios & Scopes
<http://www.qsl.net/wd1v>

.-.
/ \ / \ .-.
/ \ / \ .-.

/ '- '- '
Macnet FISTS #5014 NEWS
QRP ARCI #10345 K2 TBD

Date: Sun, 04 Jun 2000 20:39:19 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71837] Re: "Old Man Copper"
Message-ID: <393A31D7.DE16D62C@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Marty wrote:

> On the new products page, near the top and in good size type, it states:
>
> NOTICE:An amateur license is not required to purchase, only to operate
> 2 or 10-METER radios. Any modification voids warranty.
>

One Mr. Dick Smith did something similar back in the late 1970's in Australia and thus founded an empire. He freely acknowledged a flaw in the (then) law, it wasn't illegal to sell CB radios and peripheral equipment, merely illegal to operate them.

As a licensed amateur it didn't stop him selling them (much to my disgust - but hey he's got the zillions today).

OK off soapbox - morality never put bread and butter on the table.

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Sun, 4 Jun 2000 08:52:05 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>

To: <N5NW@midsouth.rr.com>, "Low Power Amateur Radio Discussion" <qrpl@Lehigh.EDU>
Subject: [71838] Re: "Old Man Copper"
Message-ID: <003501bfce24\$1139ac00\$2c4dfea9@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Marty (et al)

You might find it interesting to know that Copper is not well liked or respected (from what I've seen) in the CB world. Even the bandit CB world. From all I've seen, he has a reputation that would put most people out of business in a heartbeat.

And evidently is currently in the process of trying to survive some FCC scrutiny. So HAMS may smile at that!

But as to the issue of selling only to license holders... You know, "I" wouldn't buy from a business that did that, just on principle. I bought my first radio, a Swan, as incentive to learn the code and get my novice. The the day my ticket came in the mail, I bought a Kenwood TR-2400 as my incentive to get my butt over to Dallas to the FCC office to upgrade.

When I was married, my wife bought me a radio as a birthday gift. Gee, what if they demanded proof?

What about all the beginners out there?

Now I see ads from companies that say "Sold only to 'xxx' license holders" right in their ad in QST and that just turns my stomach. The moment the proof of license becomes the key to the transfer point, I think we loose something.

And a side issue is then the 'possession' becomes 'justifiable' and leads to attitudes of 'I got it' instead of being responsible for the use.

My two cents, and maybe overpriced at that.

Mike

> On Sat, 3 Jun 2000 21:48:45 -0400, wb2vuo@juno.com wrote:
>
> >If I remember correctly, the URL is: <http://www.copper.com/>
>
> Checking that URL leads to the correct site, for those interested. It is
> quite obvious the guy is focused on the 11 meter crowd.
>
> Interesting ... their product list is divided into 10 meter ham radio and
11
> meter cb radio categories (and they are labeled as such).
>
> On the new products page, near the top and in good size type, it states:
>
> NOTICE:An amateur license is not required to purchase, only to operate
> 2 or 10-METER radios. Any modification voids warranty.
>
> He's correct on that point.
>
> While I'm not thrilled with those who don't uphold the integrity of the
hobby,
> this guy isn't doing anything illegal. AES doesn't demand a license
before a
> sale, nor does QRZ hide their radio mods files for MARS/CAP use only.
>
> Before we point the finger to this guy, we need to consider the three
fingers
> pointing back at us. I've seem plenty of licensed amateurs sell their
> uniden/realistic 10 meter ssb radios and not check for a license before
> selling them.
>
> Where the "gentleman" may run afoul of the law is in advertising
amplifiers
> capable of 10 meter operation -- a video on the "Texas Star 10 meter amp"
is
> one. But modifying CBs for 10 meters has been around for some time --
nothing
> illegal about that.
>
> But I do appreciate the sentiment being expressed. We need to use it or
lose
> it! Save 10 meters!
>
> --
> Marty, N5NW
>

--
> Lakeland (Memphis), Tennessee

<http://marty.w.tripod.com/>
> N5NW@midsouth.rr.com
>

Date: Sun, 04 Jun 2000 08:03:09 -0500
From: Marty <N5NW@midsouth.rr.com>
To: qrp-1@lehigh.edu
Subject: [71839] So long for a bit
Message-ID: <1hkkjs4aj18u7q9u02jvtrjrpo37vl6cu7@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Gang,

I'll be leaving the list for a while, traveling to Albania for a few =
days. I
have a permit and will be using ZA/N5NW. Probably QRO for the duration, =
and
mostly SSB on 20m and up, although I am taking paddles and a keyer. So =
you
have a week to purchase a microphone and learn how to use it ... :)

QSL manager will be KB4KC, the Hickory Withe DX Club. Mostly mornings =
and
evenings local time (GMT+2). June 10-17, operating around an hour or two=
a
day if lucky. Radio isn't the primary focus of the trip. In fact, it's =
third
or fourth on the "goal list". Would especially appreciate folks =
listening for
me Saturday June 10 about 0800 or 0900 UTC around 14.225, 'cause that's =
when
the antennas go up.

--
Marty, N5NW

-----=

Lakeland (Memphis), Tennessee
<http://marty.w.tripod.com/>
N5NW@midsouth.rr.com

Date: Sun, 4 Jun 2000 08:11:14 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'w7ls@blarg.net'" <w7ls@blarg.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71840] RE: Sources for LCD displays
Message-ID: <01BFCDFC.7415C660.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Jim/Julia [SMTP:w7ls@blarg.net]

Gang,

If the LCD calls for negative bias for the display, they mean it. I found out the hard way. . Jim W7LS

Boy! You and me both, Jim. I spent an eternity trying to get a display from BG Micro to work. Kept tweaking my source code, burning new EPROMS, getting blank displays. Finally found out that the one BG sells is the "deluxe" model which requires the negative voltage. That helped a lot. Then there was also the bit that turns the display ON and OFF. In the example initialization code on the data sheet, it's left turned OFF. Took me a long time to figure that one out.

72--Nick, WA5BDU

Date: Sun, 4 Jun 2000 09:39:02 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [71841] FS/T: Datong FL-1 and MFJ 784 Audio Filters
Message-ID: <003c01bfce2a\$3f2b16c0\$de755acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Datong FL-1 (British made) audio filter, was one of the first if not the first analog auto-notch filters, also has peak/notch capability. In exc condition with the original box, packing and manual. \$40 + shipping

MFJ 784 DSP Filter, has all the goodies, looks and works good. With original

box, packing and manual. \$75 + shipping.

will consider trading for a 40M QRP rig. Please email direct for more info...

Tim
NZ8J

Date: Sun, 4 Jun 2000 06:47:30 -0700
From: "JC Smith" <jc-smith@worldnet.att.net>
To: <malman@world.std.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71842] Re: The Bottom End of 10 Meters
Message-ID: <004401bfce2b\$e49a5b60\$9366480c@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think the term is "intentionally" interfere. If we are conducting legal CW communications and the illegal station just happens to be on a nearby frequency receiving AM with a wide bandwidth receiver, which will naturally pick up all the CW signals on the bottom of the band, I sincerely doubt that the FCC or anyone else (except the bootlegger) will fault us.

Just my .02.

72 - JC,k0hps@amsat.org

----- Original Message -----

From: Joel Malman <malman@world.std.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, June 03, 2000 8:09 PM
Subject: Re: The Bottom End of 10 Meters

> Rick,
>
> The FCC views any "station" as a station we can not interfere with, even
> if the station is legal or not: it is a STATION according to the FCC,
> and we can NOT interfere with its operation.
>
> I have argued that a NON-LEGAL station can not EXIST on 10 meters -- as
> per Part 97. Therefore, since it does not exist, there is no interference,

> because WE can not interfere with a station that DOES NOT exist !!
>
> ... don't bother to make this argument to the FCC -- it won't work. Bottom
> line -- let's let the FCC do their thing. Let's not interfere (on the air
> or otherwise). Complain to Mr. FCC, but let them fix the problem. Worry
> on our part will not help, and probably cause you to lose sleep.
>
>
> 72's ... joel (queen mary)
>
>
> --
> /joel K1QM (k1 queen mary), Concord, MA.
> QRP-L #337, QRP-ARCI #9305, MI-QRP #1641
>

Date: Sun, 4 Jun 2000 07:13:31 -0700 (PDT)
From: Gary Newberry <Gdn1@rocketmail.com>
To: qrp-l@lehigh.edu
Subject: [71843] Re: The Bottom End of 10 Meters
Message-ID: <20000604141331.24810.qmail@web2902.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

One of the frequent posters in the radio.amateur newsgroups
- Jeffrey Herman - KH60 has covered that topic many times
there, according to him he asked an FCC official about
'interference' to a CB operation in our 10 meter band.
According to him the FCC's response was "how can you
interfere with an unlicensed illegal operation ?"

73 Gary K8IQ

--- JC Smith <jc-smith@worldnet.att.net> wrote:
> I think the term is "intentionally" interfere. If we are
> conducting legal
> CW communications and the illegal station just happens to
> be on a nearby
> frequency receiving AM with a wide bandwidth receiver,
> which will naturally
> pick up all the CW signals on the bottom of the band, I
> sincerely doubt that

> the FCC or anyone else (except the bootlegger) will fault
> us.
>
> Just my .02.
>
> 72 - JC,k0hps@amsat.org
>
>
> ----- Original Message -----
> From: Joel Malman <malman@world.std.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Saturday, June 03, 2000 8:09 PM
> Subject: Re: The Bottom End of 10 Meters
>
>
> > Rick,
> >
> > The FCC views any "station" as a station we can not
> interfere with, even
> > if the station is legal or not: it is a STATION
> according to the FCC,
> > and we can NOT interfere with its operation.
> >
> > I have argued that a NON-LEGAL station can not EXIST on
> 10 meters -- as
> > per Part 97. Therefore, since it does not exist, there
> is no interference,
> > because WE can not interfere with a station that DOES
> NOT exist !!
> >
> > ... don't bother to make this argument to the FCC -- it
> won't work. Bottom
> > line -- let's let the FCC do their thing. Let's not
> interfere (on the air
> > or otherwise). Complain to Mr. FCC, but let them fix
> the problem. Worry
> > on our part will not help, and probably cause you to
> lose sleep.
> >
> >
> > 72's ... joel (queen mary)
> >
> >
> > --
> > /joel K1QM (k1 queen mary), Concord, MA.
> > QRP-L #337, QRP-ARCI #9305, MI-QRP #1641
> >
>

Do You Yahoo!?

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Date: Sun, 4 Jun 2000 07:20:30 -0700
From: Maurice L Haynes <kv7g@juno.com>
To: JCoote@ci.arcadia.ca.us
Cc: qrp-1@Lehigh.EDU
Subject: [71844] Re: WIDEBAND LNA'S & PREAMP SOURCES?
Message-ID: <20000604.072031.-50238637.1.kv7g@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Jay

Don't know if these would do you any good or not, if so make a reasonable offer. I have 2 of them that came from 2 working systems.

+++++

California Amplifier

MMDS Low Noise Downconverter

High Gain with Compline Preselective Filter

Part # C31278

Input 2500 - 2686 mhz

Output 222 - 408

VDC +16 to +24

Gain 32db

+++++

For fastest response reply to my address below and NOT JUNO

Bud - KV7G - Yuma, AZ

Mailto:kv7g@mindspring.com

Web Page <http://www.qsl.net/kv7g>

On Sat, 3 Jun 2000 11:12:12 -0700 "Coote, Jay" <JCoote@ci.arcadia.ca.us> writes:

> I am looking for sources for WIDEBand RF-microwave preamps,
> low-noise,
> 15-30 dB,
> 0-4 GHz or 0-6 GHz. Also looking for wideband HF/VHF/UHF/SHF
> downconvertors,
> 2-4 Ghz or 4-6 Ghz input with IF (output) of 0-2 Ghz to receiver.

> I
> have already tried
> Downeast microwave... are there others?
> Thanks
> Jay
> W6CJ

Date: Sun, 4 Jun 2000 11:20:21 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <N5NW@midsouth.rr.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71845] Re: "Old Man Copper"
Message-ID: <003201bfce38\$93a333a0\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Marty <N5NW@midsouth.rr.com>
Subject: Re: "Old Man Copper"

On Sat, 3 Jun 2000 21:48:45 -0400, wb2vuo@juno.com wrote:

> NOTICE:An amateur license is not required to purchase, only to
> operate 2 or 10-METER radios. Any modification voids warranty.

On at least one of the 10 meter radios it clearly states that a license is required to operate the radio. On the other hand, most of the 10 meter radios have feature sets that make them virtually useless for amateur use. Although I had seen these radios from time to time, I'm surprised at how many different models there are, and the positively weird sets of features these things have. Why on earth would I want a radio that operates on:

- 28.245-28.685MHz
- 28.695-29.135
- 29.145-29.585
- 28.315-28.755
- 28.765-29.205
- 29.215-29.655

Sounds like a CB with RIT that someone changed a crystal in. A lot of them seem to cover 28.315 - 28.655?? FM??? Or how about:

12 Position Band Switch (comes disabled)

What's that about?

A lot of them are also astonishingly expensive for a single-band radio. And most have "talk-back". What's that about?

> But modifying CBs for 10 meters has been around for some time --
> nothing illegal about that.

However, that modification may only be performed by a licensed amateur, and even then there is a limitation on how many you can convert. I get the impression (tho this guy doesn't specifically say on his site) that his shop will do the modification for you.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 4 Jun 2000 11:29:22 EDT
From: ADRAMIS@aol.com
To: Qrp-L@lehigh.edu
Subject: [71846] F.S. Shach Cleaning
Message-ID: <b7.3a88cab.266bcfd2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have the following items for sale....

1) Wilderness radio Sierra with KC2 display and 2 Band Modules

(15&20 Meters) No Mods Excellent condition \$250.00.

2) Radio Shack HTX-100 SSB-CW Transceiver with box and manual
Excellent condition \$125.00.

3) MFJ 9420 20 meter SSB Travel Radio with mic and MFJ-415 CW adapter
Excellent condition \$175.00.

Please contact me direct.

Angelo Drammissi K3YUN

Adramis@aol.com

Date: Sun, 4 Jun 2000 11:32:26 -0400

From: "John J. McDonough" <wb8rcr@arrl.net>
To: <nkennedy@tcainternet.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [71847] Re: Sources for LCD displays
Message-ID: <006501bfce3a\$91b2c360\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Nick Kennedy <nkennedy@tcainternet.com>
Subject: RE: Sources for LCD displays

> Finally found out that the one BG sells is the "deluxe"
> model which requires the negative voltage.

The LCD's that require negative voltage are the "extended temperature" ones. Those that are intended to work at room temperature don't require the negative voltage. So when you're building that backpacking radio, think about whether you want to build the negative supply before you order that -40 degree LCD. (It looks as if the "normal" ones, that don't require the negative supply, work down to 0C).

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 03 Jun 2000 02:52:55 -0600
From: wb5qyt@eFortress.com
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71848] Crystal info
Message-ID: <3938C767.75D9@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Need to order a "rock" for my Mizuho. Any suggestions on a company any of you have used?

72, Tom WB5QYT...."Have spud will travel!"

Date: Sun, 04 Jun 2000 11:07:13 -0500
From: burro@panama.gulf.net
To: wb5qyt@eFortress.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71849] Re: Crystal info
Message-ID: <393A7EB1.14FF@panama.gulf.net>
MIME-Version: 1.0

Date: Sun, 4 Jun 2000 12:59:59 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Mike Yetsko" <myetsko@insydesw.com>
Subject: [71850] Re: "Old Man Copper"
Message-ID: <00e901bfce46\$526ef820\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike Yetsko correctly pointed out to me (off the list) that it's fine for anyone to modify as many CB's as they like. It is 97.315 on external power amplifiers that I was thinking of. In that case, you're allowed to build or modify only one per calendar year, and if a non-amateur constructs or modifies one, it must be type accepted before use. This applies to external RF power amplifiers which have any gain below 120 MHz.

This appears to apply regardless of the power level, so it would seem that QRP external amplifiers would be affected. The .315/.317 language is pretty interesting. You can do whatever you want as long as it's strictly homebrew. But even a kit must be type accepted, regardless of power level, and to achieve type acceptance, it must require at least 50 watts of drive!

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 4 Jun 2000 13:07:38 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [71851] Re: "Old Man Copper"

Message-ID: <20000604.132006.-378371.5.wb2vuo@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Point taken about the content of the Email to the "Old Man" there in Louisville. I did post a comment to Copper Electronics about their low-quality, overpriced single-band "Amateur" radios, and got a reply this morning recommending that I don't buy any of their radios!

It sounds like good advice to me, so I won't.

What's interesting is that my resident State Trooper here in town tells me that such radios CAN be confiscated during safety inspections by the DOT, but only IF the inspector is aware that they are not being used legally (or has a complaint filed against the driver and/or trucking company). New York State can't seize the radios, but the Feds can (but almost never do...)

You don't have to go to Copper for your trashy radios. Flying J and Truckstops of America will sell them to you Cash & Carry, no questions asked...

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
VP & FD'00 Chairman, Brockport Amateur Radio Klub & SOC # 119
My night light runs more power than my Rig!!!
Replies off-list to: wb2vuo@arrl.net

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 4 Jun 2000 13:22:43 EDT

From: ARDUJENSKI@aol.com

To: qrp-1@lehigh.edu

Subject: [71852] QRP BACKPACKING RIG

Message-ID: <29.5f9dd0b.266bea63@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Finally plan to hit the trails seriously this summer with the goal of QRP during both day and overnite trips (40M or 20M depending on season). I want to get one small (pocket size) and light as possible but still effective. It

appears the SST may be a good choice. Those that use the SST have you found the AA or lithium 9v better choice. Comments or recommendations? alan kb7mbi

Date: Sun, 4 Jun 2000 13:34:00 EDT
From: Wb8siw@aol.com
To: wb2vuo@juno.com, qrp-1@lehigh.edu
Subject: [71853] Re: "Old Man Copper"
Message-ID: <66.443d1b5.266bed08@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 06/03/2000 9:53:53 PM Eastern Daylight Time, wb2vuo@juno.com writes:

<< It's Copper Electronics, they sell mail-order and on-line with 10M "Company" radios starting at about \$100 and going up.

If I remember correctly, the URL is: <http://www.copper.com/> >>

Instead of sending the Company "hate mail," why don't we e-mail Riley Hollingsworth and the FCC with this valuable information. I'd much rather send a couple of US Marshalls to his door with a greeting!

LOL.

73, Jim WB8SIW

Date: Sat, 03 Jun 2000 04:47:44 -0600
From: wb5qyt@eFortress.com
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71854] tn timer info
Message-ID: <3938E250.7736@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Thanks for the timer info. Going to go with International Crystal Co.

What a great list this is!

72, Tom WB5QYT

Date: Sun, 4 Jun 2000 18:10:05 +0100
From: wd3p@juno.com
To: ARDUJENSKI@aol.com, qrp-1@Lehigh.EDU
Subject: [71855] Re: QRP BACKPACKING RIG
Message-ID: <20000604.181009.-428511.1.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Sun, 4 Jun 2000 13:22:43 EDT ARDUJENSKI@aol.com writes:

>
> appears the SST may be a good choice. Those that use the SST have
> you found
> the AA or lithium 9v better choice. Comments or recommendations?

Alan - what you take depends on how much you are going to use the rig on each trip. I don't care for the 9V simply because of the power reduction they imply. On a backpacking trip so I'd go for more power. The lithium will last a while but are costly. The Alkaline drop in voltage fairly fast. Some try using 10 AA's to make up for this. If the rig can take 15 to 15.5 volts for a while (until the voltage drops a bit from use) they will work for a number of hours before the power out drops below 11-12 volts. You can also try the NiMh batteries. In the long run they are probably the least expensive option. A set of 10 of those will give you 12 to 12.5 volts till they give out. I haven't tested them enough yet to say how long they will last with the SST or the DSW. In my GPS they last a little bit better than half as long as a set of Alkaline batteries. The sealed lead acid batteries in my estimation weigh a bit too much for the power you get out of them. So I don't take them out on the trail.

Enjoy your trips.

73 de Larry.....WD3P in MD

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 04 Jun 2000 14:37:51 -0400

From: Tom and Roxy <zikot@erie.net>
To: qrp-1@Lehigh.EDU
Subject: [71856] Re: The Bottom End of 10 Meters
Message-ID: <3.0.5.32.20000604143751.007bc210@erie.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings!

I may be the new guy on the block to this discussion group but I feel the need to put my two cents in, more like a dime!

Why don't we start to use 10m more as a CW QRP and QRO band?? I have always liked 10m for it's winter and summer sporadic "E" skip and the antenna lengths are a good length for field work. I wish that my Atlas 210x covered all of 10m and not just 28.4 to 29.4. Or is this a case of since the rules have changed on the CW requirements that we have lost sight of the first mode of communications that got us here? I for one like CW very much and I would be willing to venture that the majority of us do so CW is far from dead on Amateur Radio.

We need to get more QSO's going on 10m CW since this would provide all the illegal alliens with plenty of LEGAL! QRM. Since they are obviously using SSB and AM there is nothing like some good old CW to give them so much QRM that they may consider finding another place to hang out. I have heard in the past about illegal QSO's on the bottom of 10m but I had no idea that is was this bad! I think it is time we get a rally going to get more CW QSO's going on 10m to let them know that we can make a louder noise then they can and that we won't let them get away with their illegal operations, at least not in the clear becace of lack of activity on our parts.

You will have to excuse my repitition but I am very PO'ed after reading all the email that has been sent about "The Bottom End of 10 Meters" I am just rambeling along here trying to get my feeling and point across about this so please stick with me on this. Also I apologize for any spelling errors since I am just typing this up and letting it fly as is.

I would like to hear from those amoung you that agree with me on trying to boost the CW activity on the bottom of 10m. I would hate to think that anyone would disagree on this. Especially when 10m is such a good DX band. I don't think anyone on this discussion group would want to compete with an illegal QRO with his or her legal QRP, especially when you can hear a 4x4 answering you in the background.

I am looking forward to when I have a 10m QRP CW Xmtr and Rcvr up and running so I can go to our local state park on the weekends and try to make a few QSO's. Even if I don't, at least I was there having fun doing what Ham Radio is all about... trying to make contact with a fellow Ham with equipment that I made. That is what Ham Radio is all about and I am glad the I finally have the time and patients to build my own equipment. I wish I had started years ago!

On a positive note:

I thank everyone on this email discussion group that send me a welcome aboard email. I also thank you for your kinds words and the comments that you gave in regards to QRP and my endeavour to get on 10m CW. I look forward to adding my assistance and comments to this group and for help with any questions that I may have. I am also please to see that many of you also, like myself, enjoy building HF and VHF antennas. QRP can work the world only if you have a good antler to get the signal out.

73's es gud DX!

Tom & Roxanne
WA1VAI/3

Date: Sun, 4 Jun 2000 11:35:23 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71857] Re: QRP BACKPACKING RIG
Message-ID: <001801bfce53\$a706a060\$e0c3480c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'd have no hesitation taking the SST-20. I recently took one to India and left it with a friend (VU2RNM) and by the time you read this, he should be on the air with it. Don't expect to work him too easily however, he's only using low-altitude, wire antennas. I also took him NiCad battery pack and a solar charger (60maH) because where he lives there is plenty of sunshine but only a few hours each day of "main's power."

If you take a rechargable battery on your backpacking trip, then invest in

an inexpensive (40-60ma) solar panel (\$20-50) and velchro it atop your backpack so while you hike during the daytime, you can charge your battery pack for plenty of operating time at night. The solar panel will add less than a pound to your carrying weight. A simple power diode in the circuit keeps the charging voltage moving in one direction only so if you encounter clouds or other conditions which drop the voltage output below the battery voltage, you won't have to worry about bleedback. Good luck and happy trails! 72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Sun, 4 Jun 2000 11:44:25 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71858] Re: The Bottom End of 10 Meters
Message-ID: <001e01bfce54\$e96d6aa0\$e0c3480c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom or Roxy wrote:

>I would like to hear from those among you that agree with me on trying to boost the CW activity on the bottom of 10m. I would hate to think that anyone would disagree on this. Especially when 10m is such a good DX band. <

Rather than reinvent the wheel, consider joining 10-X (pronounced ten-ten) International. You can find their (our) goals and mission statement at the following url:

<http://listserv.lehigh.edu/lists/tenten-1/>

It has been around for a long time. I've been a member for about 25 years. Sign me: #19628.

Best 72/73 d e alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Sun, 4 Jun 2000 14:20:33 -0400
From: "R. Evans" <revans1@cfl.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [71859] Summary: Active cw filter ideas (long)
Message-ID: <028901bfce55\$c028bae0\$6500a8c0@rick.cfl.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Friday night, I asked the group for suggestions on homebrewing an active cw filter. The response via direct email was quite good, and I received a few requests to pass along the information I received.

My original idea was to use an lm324 (common quad op-amp) mostly because I still had one in the package from Radio Shack. Pricing on these things is us\$ 1.29 at Radio Shack and us\$ 0.25 from Dan's Small Parts. Overall, not a bad part, but there were some comments that it was a bit noisier than desired. The most common 'better choice' replacement were the TL082/TL084, which are dual and quad JFET-input models. Also widely available/easy to find and inexpensive. This replacement also showed up a few times as an improvement to the HW-9, especially on the numerous websites mentioning Gary Surrency, AB7MY.

Another step up in noise performance is the NE5532 (TI has it below). National thinks their lm833 is a good replacement, and the specs look similar.

There's also the lm3900, which is a bit different from the rest. No noise figures are given on the datasheet, and it's listed as obsolete on the National website.

Texas Instruments, National Semi, and Analog Devices all offer selection guides on their websites, along with datasheets for these devices.

http://www.ti.com/sc/docs/products/msp/amp_comp/index.htm
http://www.national.com/catalog/AnalogAmplifiers_OperationalAmplifiers.html
<http://www.analog.com> <-- They appear to be having troubles today...

The best 'whitepaper' intro to active filters I could find is:

<http://www.national.com/an/AN/AN-779.pdf>

On to the specific recommendations: I hope nobody minds my re-posting snippets of personal email...

Pat Byers VE6AAN:

Mentions that he really likes his OHR SCAF...
(no longer made?)

"Have a look at <http://www.qrp.pops.net/filter1.htm> "
<Rick adds: A page with designs avoiding op-amps.>

Bruce Muscolino: Recommends "Solid State Design" by Demaw.

<Rick adds: Yet another excuse for me to buy this book :) >

Dennis WB8WTU:

"The simplest active filters are based on the old MFJ CWF-3 and CWF-2. These are easy to build and work well. I would suggest the CWF-3, as it uses only one ic. I have experimented with both, homebrew and vendor built. The best, tho', is the active filter used in the Century 22 from Ten Tec. It is 4 pole, based on the LM3900 op amp, and has variable bandwidth skirts centered around 750 HZ. "

Jay AJ4AY:

"I used the design by Doug DeMaw in his W1FB's Design Notebook (1st edition, 2nd printing pg 134). This circuit uses a couple of 747 IC's as the active components. With the indicated components, center freq is 750 hz, overall gain is 2.1 and Q1 is 3.

After building it, I felt that the design lacked the sharpness I was looking for. Additionally, the output when all 4 active stages were included, was way down. I built an Excel spreadsheet and played with the component values. In my final design, the Q of the last 3 stages was increased to 5. This really narrowed the passband as stages were added. To get better audio output from the filter, the gain of the last stage increased to 1.5. The filter did a very nice job. I added a rotary switch so that I could add stages as needed.

I noticed that you were going to build your filter manhattan style which is good. The scale pattern for this etched board, as shown in the book, does not agree with the schematic. "

Harley L. Miller:

Harley suprised me by scanning two schematics of filters he liked.

73 Magazine, July 1982, page 57. (Survived a house fire, and it shows)

RadCom, August 1997, page 70. (Author: Steve Price, G4BWE)

I'd prefer not to repost the scanned articles due to copyright issues.

Rick Evans
kg4fer
Orlando, FL

Date: Sun, 04 Jun 2000 14:19:48 +0100
From: Brian <brian@iquest.net>
To: alan.kaul@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71860] Solar Panel Question
Message-ID: <393A5774.FB298C8F@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just bought a couple of panels and was wondering....do I connect these in parallel to the battery for charging?

Thanks

Alan Kaul wrote:

> If you take a rechargable battery on your backpacking trip, then invest in
> an inexpensive (40-60ma) solar panel (\$20-50) and velchro it atop your
> backpack so while you hike during the daytime, you can charge your battery
> pack for plenty of operating time at night. The solar panel will add less
> than a pound to your carrying weight. A simple power diode in the circuit
> keeps the charging voltage moving in one direction only so if you encounter
> clouds or other conditions which drop the voltage output below the battery

--

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana

GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Proud to be a member of the American Radio Relay League
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Sun, 4 Jun 2000 14:52:57 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [71861] Neg LCD Bias
Message-ID: <200006041931.PAA20231@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Gang,

Don't know why I didn't think of this before. There is a source of -5 volts on the keyer board, from the MAX-232, RS-232 interface chip. A couple of the bufferes in the chip aren't used, so one of these spare buffers can supply the -5 volt bias, if need.

So, if you end up with a display that needs -5V, no sweat...at least for this project :-) And since it seems surplus outlets sell -5 displays cheaper than +5 only, it's an idea to keep in mind for other projects that need a LCD module..

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 04 Jun 2000 14:36:39 -0500
From: Randy & Cara Randall <crrandal@seidata.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71862] Re: "Old Man Copper"
Message-ID: <393AAFC7.B18BF484@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Riley knows they are there, the FCC just has not done anything about it, yet. Copper has a very bad reputation for poor customer service, selling used as

new and slow to ship. Don't worry. they WILL get to him.

But lets be fair here. How many candy stores that you shop at sell Ranger and Uniden 10M radios with easy to modify circuits? What about all of those Art-Sci Radio/Tech Modifications books on the candy store shelves. One of them even covers CB's!!!!!! Gasp! How many hams have internet sites with pages of mods available to anyone. Ramsey Electronics got busted for selling wireless mikes and FM stereo broadcasters that were easily modified to exceed part 15 power limits. Ramsey was selling the 800 Mhz scanner converter LONG after they were forbidden to do so by law. Maybe what I am getting to is lets clean the crap out of our own back yard before complaining about the neighbors. We will have a stronger leg to stand on.

Randy KB8ASO
Wb8siw@aol.com wrote:

> In a message dated 06/03/2000 9:53:53 PM Eastern Daylight Time,
> wb2vuo@juno.com writes:
>
> << It's Copper Electronics, they sell mail-order and on-line with 10M
> "Company" radios starting at about \$100 and going up.
>
> If I remember correctly, the URL is: <http://www.copper.com/> >>
>
> Instead of sending the Company "hate mail," why don't we e-mail Riley
> Hollingsworth and the FCC with this valuable information. I'd much rather
> send a couple of US Marshalls to his door with a greeting!
>
> LOL.
>
> 73, Jim WB8SIW

--

"Happiness is no laughing matter." - Richard Whately

Date: Sun, 04 Jun 2000 12:44:15 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@lehigh.edu
Subject: [71863] FS/TT: ER Tick-4 keyer w/enclosure unassembled...
Message-ID: <393AB18F.38F1ED14@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Embedded Research Tick-4 keyer and enclosure kits still unassembled.
This is latest keyer offered by ER and would like \$35.00 OR TRADE for a
Kenwood hand microphone such as the MC-43 or MC-47 series. Mic must be
in good condx, thanks...

Pat, AA7FG - Oregon

Date: Sun, 4 Jun 2000 12:46:52 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'zikot@erie.net'" <zikot@erie.net>, Low Power Amateur Radio Discussion <grp-
l@Lehigh.EDU>
Subject: [71864] RE: The Bottom End of 10 Meters
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBB81@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

(Lengthy... original post below)
Tom and the List;

A few more 10 meter "Save Our Band" comments....
A nice thing about 15, 12 and 10 meters is when these bands
are "dead" to DX they still propagate very nicely locally, especially if
you treat them as "VHF" bands and go with a vertical antenna high up as
possible. Many CB'ers (legal or not, like them or not) spend a lot of
money on masts and vertical antennas because they are well aware of the
(11 meter) bands propagation, but some "newbie" hams may not be aware of
the great local coverage one gets with a vertical antenna.

"Dead" HF bands can be excellent for activities such as code practice,
packet, PSK31, TOR... as well as local nets or when your ears are tired
gasbags hogging the local repeater or 80meter net. The simplex
coverage, watt-for-watt on the lower VHF bands (I am counting 24, 28 and
50 Mhz in this) exceeds that of 144, 223 and 446 MHz simplex. Perhaps
if more hams got out of the dead band mindset and thought of 12 and 10
meters as new VHF simplex bands when the DX is not spilling out of the
speaker?

Some cheap ways to begin in 10 meter (QRP) may be to convert 40-channel
CB radios equipped with SSB. It's been years since I did this, but I'm
sure there are channel line-ups for SSB and AM CB conversions in 24 and
28 Mhz for standardization sake (Ex: his channel four is the same as
hers). If there are standard-channel lists for CB conversions in 24 and
28 MHz, please post them for us!

In my experience with CB conversions, do not make the transmitter follow

the RIT- it won't track properly, stick to channelization.

Many CB (27 Mhz) vertical antennas can be pruned for 28 MHz. I believe commercial and ham Ringo antennas are available for 24 and 28 MHz. I have used vertical dipoles suspended from trees and other overhangs for adequate local and DX coverage. Tuner owners can also build a 20 to 22 foot aluminum mast, radials and put the tuner at the mast base.. low angle radiation on 15, 12 and 10 and a few more dB over a quarterwave (5/8 wavelength on 10, 1/2 wavelength on 15) Radiall-Larsen makes NMO-base and other antennas which may be tuned for 10 meters.

I do not condone QRM'ing, but have observed that RTTY, PACTOR and other digital modes cause local CB pirates in our band to dry up and blow away. Perhaps PSK-31, with it's extremely narrow bandwidth would be a good mode to experiment with.... several PSK31 stations could fit within the bandwidth of a typical AM signal. Keep in mind that digital operation does belong above the CW subband (and our CW QRP freqs).

Some older antenna books feature a 10-meter DF'ing loop for mobile. The loop is bi-directional and is used in conjunction with the receiver S-meter to triangulate pirates or interference in the band.

73
Jay
W6CJ

-----Original Message-----

From: Tom and Roxy [mailto:zikot@erie.net]
Sent: Sunday, June 04, 2000 11:38 AM
To: Low Power Amateur Radio Discussion
Subject: Re: The Bottom End of 10 Meters

Greetings!

I may be the new guy on the block to this discussion group but I feel the need to put my two cents in, more like a dime!

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73's es gud DX!

Tom & Roxanne
WA1VAI/3

Date: Sun, 4 Jun 2000 16:17:27 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [71865] Re: Neg LCD Bias
Message-ID: <001b01bfce62\$8e74cf40\$2c4dfea9@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't use the buffer from the MAX-232. Just use the negative voltage right off their generator, at the cap. It will be fairly stable. If it's not, then feed a 10K or higher resistor to a 5v Zener wired as a negative regulator. If you're using the negative BIAS as a contrast adjust, then you'll need to back it down even further (they usually spec -5 since that's the MAX you'll need or want in most cases, but usually you end up wanting something down under -3v.)

Mike

> Hi Gang,
>
> Don't know why I didn't think of this before. There is a source of -5
> volts on the keyer board, from the MAX-232, RS-232 interface chip. A
> couple of the bufferes in the chip aren't used, so one of these spare
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> projects that need a LCD module..
>
>
>
> 72,
> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"

>

Date: Sun, 4 Jun 2000 17:11:16 -0400
From: "Doug Person" <w4dxv@attglobal.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [71866] Re: QRP BACKPACKING RIG
Message-ID: <009801bfce69\$6c3ba780\$bcbfe220@m1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Although it can be a bit heavier, I'd go for a small gel cell. Vastly more power available than alkaline batteries. It it can be recharged many times. I got one from Tower Hobbies with a charger for around \$20. It is a little more weight but you will get so much more operating time. I have run my SST-20 for hours and hours and hardly put a dent in the power. I have a 4 ah. I thin there are smaller ones - perhaps 2.7 AH?

Doug Person -- W4DXV

Date: Sun, 4 Jun 2000 14:36:03 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: <ARDUJENSKI@aol.com>
Cc: <qrp-1@lehigh.edu>
Subject: [71867] Re: QRP BACKPACKING RIG
Message-ID: <002001bfce6c\$e36fad80\$de0c480c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Alan,
My SST was modified. Cannot recall exactly what was done, but seem to remember adding some inductance to the final in order to make a better match and in the course of doing that, pushed it to 3W output. Also added a second xtal in parallel with a choke, and "pulled" the VX0 to cover 14042-14063 for a little better flexibility.
MODS were from the list and the SST-mods page on Norcal pages.
As for solar panels, I can't really offer any substantative advice. I bought one about the size of a license plate for about \$25. It was sold for people who had to park their car long term, to trickle charge the battery

thru the lighter plug. I saw many versions of the same device at Dayton this year, some of which were on a flexible plastic backing. The NiCad battery I took to India was a "BP90" (10D cells used to power a TV camera). It was heavy -- I would not want to backpack with it. But previously, when I lived in JY9-land, I had a 5W CW rig (output) with a discrete transistor receiver and powered it with AA-NiCads. I'd only be able to operate for about an hour at a time (I had a lot of "rst 599, tn timer, 73" QSO's, because of the pileups). I think you could easily use NiCads--probably "half-C's" would work nicely if you build one from scratch. And the half-C's would have a lot more operating time (plus time is better with lower power rig, so figure a fully charged half-C pack might enable you 3-4 hours of operating time).

Good luck, 73/72 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Sun, 4 Jun 2000 14:38:59 -0700
From: "n6wg:First n6wg:Last" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [71868] Samlex RPS1205 p/s
Message-ID: <004101bfce6d\$4c2ae560\$caf2fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I went to our Livermore Ham Flea Market today and picked up this Samlex RPS1205 power supply for a decent price.

I've seen them mentioned before. Has anyone found a source for the schematic to this power supply?
I need to raise the voltage to about 14.5v, and I'd like to see what the circuit looks like.
73, Bob N6WG

Date: Sun, 4 Jun 2000 15:58:24 -0600
From: "Robert Follett" <bfollett@email.msn.com>
To: "QRP-L Group" <qrp-l@lehigh.edu>
Subject: [71869] UTC Clocks Again -- New Solution for Windows Users
Message-ID: <004c01bfce70\$030e6fc0\$c1440e3f@MSNbfollett>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

Having re-hashed all the "atomic" clocks that display UTC a few times, I know this is probably been beaten to death -- BUT:

I found a new, software clock that not only synchronizes with a US reference on-line (in the background when you check your mail or whatever), but also pulls the latest Solar Report off from SEC and displays a one line solar summary scrolling display along with the Time. Pretty neat!!

Best of all, John Fellows, owner of ERGO Radio Software for SWL'ers, makes the software, ERGO Net, available FREE. He gave me permission to post the following to the QRP-L group.

Here's the scoop:

<<You can download the Lite Demo and just install ERGO Net from the **Custom Install**. I have also included the support files in the ERGO Net Upgrade zip file - but this does not do the "install".

73 John
ERGO Radio Software
<http://swldx.com>>>

NOTE: You don't really need the Help files to install/run this -- Its really intuitive, and can stay on top of your desktop while you run other programs. Supports Windows only -- sorry Linux and Mac users.

73, Bob

Bob Follett AB7ST
3133 American Saddler Dr.
Park City, UT 84060 (435) 649 6457

Date: Sun, 4 Jun 2000 18:03:39 -0400
From: n4gi@juno.com
To: qrp-l@Lehigh.EDU
Subject: [71870] Re: QRP BACKPACKING RIG

Message-ID: <20000604.180342.-315481.3.n4gi@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

On Sun, 4 Jun 2000 17:11:16 -0400 "Doug Person" <w4dxv@attglobal.net> writes:

> Although it can be a bit heavier, I'd go for a small gel cell.
> Vastly more
> power available than alkaline batteries. It it can be recharged
> many times.
> I got one from Tower Hobbies with a charger for around \$20. It is a
> little
> more weight but you will get so much more operating time. I have
> run my
> SST-20 for hours and hours and hardly put a dent in the power. I
> have a 4
> ah. I thin there are smaller ones - perhaps 2.7 AH?

I have one of these (4 ah). Considering using it for outdoor stuff.
What's the charging current (I think 360 mA max is suggested)? Any info
would be great, I'd like to build my own if possible.

CUL-73,

Blake M. Meinecke, N4GI

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 4 Jun 2000 15:10:11 -0700

From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>

To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>

Subject: [71871] Trail/Traveler Straight Key?

Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBB83@arcadia-pd1.arcadiapd.com>

MIME-Version: 1.0

Content-Type: text/plain

I am looking for a reliable, small straight key suitable for pack or
travel...besides just shrunken-down versions of a standard key. I wonder
if there are some good small keys out there?

Thanks,

Jay
W6CJ

End of QRP-L Digest 1842
